

What is claimed is:

1. A drum-type washing machine having a lift installed on an inner circumferential surface of a drum, the lift 5 comprising:

a pair of inclined sides, disposed in opposition to each other to form a shape having a regular trapezoidal cross-section, for lifting laundry; and

10 a pair of friction plates, consisting of a pair of opposing surfaces respectively provided on each of said pair of inclined sides and having a multitude of protuberances formed on both faces, to increase a frictional force with respect to the laundry.

15 2. The drum-type washing machine as claimed in claim 1, wherein said pair of friction plates is formed of a rubber-based material to increase a frictional force with respect to laundry loaded in the drum.

20 3. The drum-type washing machine as claimed in claim 1, wherein the protuberances of said pair of friction plates are a series of ridges each having a predetermined width and height.

4. The drum-type washing machine as claimed in claim 3, wherein the predetermined width of the ridges is substantially equal to the predetermined height.

5 5. The drum-type washing machine as claimed in claim 3, wherein the predetermined width and height of the ridges vary with respect to proximity to the center of the drum, such that the width gradually decreases toward the center of the drum and the height gradually increases toward the center of the drum.

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6. The drum-type washing machine as claimed in claim 1, wherein the protuberances of said pair of friction plates are an array of projections each having a predetermined length, width, and height.

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7. The drum-type washing machine as claimed in claim 6, wherein the projections are substantially cubical.

8. The drum-type washing machine as claimed in claim 6, 20 wherein the predetermined width and height of the projections vary with respect to proximity to the center of the drum, such that the width gradually decreases toward the center of the drum and the height gradually increases toward the center of the drum.

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9. The drum-type washing machine as claimed in claim 1, wherein the protuberances of said pair of friction plates are an array of nipples each having a predetermined base diameter and height.

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10. The drum-type washing machine as claimed in claim 9, wherein the predetermined base diameter of the nipples is substantially equal to the predetermined height.

10 11. The drum-type washing machine as claimed in claim 9, wherein the predetermined base diameter and height of the nipples vary with respect to proximity to the center of the drum, such that the base diameter gradually decreases toward the center of the drum and the height gradually increases  
15 toward the center of the drum.

12. The drum-type washing machine as claimed in claim 1, wherein said pair of friction plates is integrally formed with the lift.

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13. The drum-type washing machine as claimed in claim 12, wherein the lift is made of a metal-based material.

14. The drum-type washing machine as claimed in claim 13,  
wherein said pair of friction plates is formed by an embossing  
process.

5 15. The drum-type washing machine as claimed in claim 12,  
wherein the lift is made of a plastic-based material.

16. The drum-type washing machine as claimed in claim 15,  
wherein said pair of friction plates is formed by an injection  
10 molding process.